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ABSTRACT

The original Guide to Educational Resources was published by the Far West Laboratory for Educational Research and Development as part of an instructional system, "The Educational Information Consultant: Skill in Disseminating Educational Information (1971)". The resources included in this updated Guide are geared for the Educational Information Consultant (EIC). Selections are not intended to duplicate titles typically found in the educational reference section of a good public or college library, but were chosen to meet the needs of an active EIC--to lead to standard sources of information for preliminary searches and to help the EIC keep abreast of major current activities, products, sources, and innovations. The guide is divided into six sections: 1) fact finding and sources of information, 2) where it's happening, 3) keeping up with the educational information explosion, 4) research and resource services, 5) product guides, and 6) organizing information. (WCM)

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a guide to educational resources

Marda Woodbury

FAR WEST LABORATORY FOR EDUCATIONAL RESEARCH AND DEVELOPMENT

REVISED 1974 BY THE ERIC CLEARINGHOUSE ON INFORMATION RESOURCES
STANFORD CENTER FOR RESEARCH AND DEVELOPMENT IN TEACHING, SCHOOL OF EDUCATION
STANFORD UNIVERSITY, STANFORD, CALIFORNIA 94305.

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Marda Woodbury

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Revised Summer 1974 by the ERIC Clearinghouse on Information Resources, Stanford Center for Research and Development in Teaching, School of Education, Stanford University, Stanford, California 94305.

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INTRODUCTION

This Guide has been updated as of Summer 1974 from A Guide to Educational Resources by Marda Woodbury (1971). The original document was published by the Far West Laboratory for Educational Research and Development as part of an instructional system, "The Educational Information Consultant: Skill in Disseminating Educational Information."

Permission to update and reprint this Guide has been granted the ERIC Clearinghouse on Information Resources by Dr. Bela Banathy, Deputy Director, ITS Program at the Laboratory.

The resources included in this Guide are geared for the Educational Information Consultant (EIC). They may reflect some personal biases on the part of the people gathering the resources. But at the same time, they attempt to deal with the information explosion now taking place in the field of education. These selections are not intended to duplicate titles typically found in the Educational Reference Section of a good public or college library. They are specifically chosen to meet the needs of an active EIC--to lead to standard sources of information for preliminary searches and to help the EIC keep abreast of major current activities, products, sources, and innovations.

SECTION I

FACT-FINDING AND SOURCES OF INFORMATION

General Fact Finding

Barton, Mary N. & Marion V. Bell (comps.) Reference Books: A Brief Guide. (7th ed.) Baltimore: Enoch Pratt Free Library, 1970. 158 pp. $1.25 (paperback)

All 815 entries in this economically-priced guide provide adequate bibliographical descriptions and good annotations, but no prices.

Cheney, Frances Neel. Fundamental Reference Sources. Chicago: American Library Association, 1971. 318 pp. $8.50

Although this introductory text in reference sources was written for the beginning library school student, it is equally adaptable for the Educational Information Consultant (EIC) who needs to locate information in the biography, bibliography, statistics, linguistic, and geography categories. The sections on either bibliography or statistics sucessfully clarify and organize two complex fields. There is an excellent section on guidlines for reviewing and selecting reference books which should prove valuable for an EIC. The indexing is good, annotations are particularly clear and cogent. Selections are current to September 1970. Overall, it is a good guide for selection and use of reference materials.

McCormick, Mona. Who-What-Where-When-How-Why- Made Easy, A Guide to the Practical Use of Reference Books. Chicago: Quadrangle Books, 1971. 192 pp. $5.95

This is a lively, well-written, well-arranged and well-annotated guide to locating and using standard library reference tools. Intended primarily for students and the general reader.

Both the discussion and the lavish use of appropriate illustrations (samples, pages of indices, entry forms, etc.--all explained) should be very helpful to educators and their students in using library resources competently and intelligently.

Wynar, Bohdan S. (ed.) American Reference Books Annual. Littleton, Colorado: Libraries Unlimited, 1970. $22.00

Each of these annual reviews covers all new reference books published in the United States during the past calendar year. All subjects are covered at every level; the 1973 edition reviews some 1,780 titles. The ARBA, as it is called, is considered by many to be an essential evaluative and descriptive source for new reference books.

Social Science Sources

Berelson, Bernard & Gary Steiner. Human Behavior: An Inventory of Scientific Findings. New York: Harcourt, Brace and World, 1967. $11.95 (hardbound), $2.55 (paperback)

This unique book should be in every educational library. It is an inventory, a selected, organized, translated summary of the state-of-knowledge of human behavior--clear, simple, and nontechnical. It summarizes an amazing amount of research evidence from the fields of psychology, sociology, anthropology, and education under broad categories of behavior (e.g. behavioral development, learning and thinking). Findings are organized into 1045 numbered propositions (hypotheses or assertions). The book is complete with a detailed subject index and a substantial bibliographic index.

International Encylopedia of the Social Sciences. New York: Macmillan, 1968. 17 vols. $495.00

This set, edited by David L. Sills, is the social sciences equivalent to the bestof the general encyclopedias. A good starting place for any search, with authorative articles on all the social science fields and practical current bibliographies. The 17th volume is an index.

Robinson, John P. & Philip R. Shaver. Measures of Social Psychological Attitudes. Ann Arbor, Michigan. Institute for Social Research, 1969 662 pp. $6.00 (paperback)

One of a series of three excellent volumes put out by the University of Michigan Survey Research Center which together constitute a much-needed guide to all empirical instruments for measuring attitudes. This volume is probably the most valuable for educators, though the other two: Measures of Political Attitudes, and Measures of Occupational Attitudes and Occupational Characteristics, are equally well done. The volumes have valuable section introductions. Scales are conveniently grouped. For each scale, the editors include a clear description, plus information on samples, location, administration data (including time), validity, reliability, homogeneity results and comments, and references for further reading.

Guides to Educational Literature and Educational Research

Burke, Arvid J. & Mary A. Documentation in Education. (5th ed.) New York: Teachers College Press, 1967. 413 pp. $10.95

In its previous form, "How to Locate Education Information Data," this was considered the Bible for educational researchers. Thorough and clear, this book is the tool of choice for anyone who needs to go beyond the educational information sources listed here.

Hillway, Tyrus. Handbook of Educational Research, a Guide to Methods and Materials. Boston: Houghton Mifflin, 1969. 117 pp. $4.95

This is an all-purpose guide, "designed to take the fear out of research." Clear, uncluttered introduction to research, guide to methods, manual of style and form for research reports. Well-chosen, well-organized checklist of guides to library materials.

Manheim, Theodore, et al. Sources in Educational Research. Detroit, Michigan: Wayne State University Press, 1969, $11.95

Largely a bibliographic tool, this is a selected and annotated bibliography devoted first to educational research in general, then to separate fields. A good guide for futher research or a good buying guide for an educational research center.

National Education Association. The Teachers' Library: How to Organize It and What to Include. National Education Association, 1968. 212 pp. $1.75

A good starting place for evaluating a collection of materials. A comprehensive, brief annotated listing of books, pamphlets, films, film strips, periodicals, etc., in education, done by the American Association of School Librarians with the NEA. A basic book for anyone buying educational materials. Arranged by the Dewey Decimal System.

Tyler, Louise L. A Selected Guide to Curriculum Literature: An Annotated Bibliography. Washington, D.C.: National Education Association, 1970. 142 pp. $2.00

More than an annotated bibliography, this volume by Professor Tyler is part of the action and publication program of the NEA's Center for the Study of Instruction--a major attempt of a professional organization to confront and explore the major issues in curriculum. This rigorously annotated, conceptually organized book is in itself an intellectual adventure and must for any educator interested in curriculum.

Basic Reference in Education

Buros, Oscar K. The Seventh Mental Measurements Yearbook. Highland Park, New Jersey: Gryphon Press, 1972. 2 Vol. 1986 pp. $55.00

The seventh edition utilizes the experience of psychologists, teachers and test technicians in identifying and reviewing thousands of tests. Well-arranged and informative. Tests are listed by broad categories and then by subject. Name and title indices are included, as well as directories of periodicals, publishers, and reviews.

Ebel, Robert L. (ed.) Encyclopedia of Educational Research. (4th ed.) New York: Macmillan, 1969. 1522 pp. $42.90

A project of the American Education Research Association, this encyclopedia does not cover individuals or institutions, but has thoroughly well-researched articles on educational topics from many contributors. Long bibliographies can be updated by using the Review of Educational Research. The fourth edition is excellent and current as of 1967 to 1968 generally.

Good, Carter V. Dictionary of Education. (3rd ed.) New York: McGraw-Hill, 1973. 681 pp. $17.50

This third edition, financed by Phi Delta Kappa, represented the work of a team of specialists. They chose the words by scientifically checking various education indices, and defining the words carefully. Good, clear definitions with extensions into related fields of psychology, sociology, and philosophy. Foreign words are covered at the end. While a general unabridged dictionary is adequate for most terms in the social and behavioral sciences, this dictionary is so precise and specific that it is well worth the price.

Kawakami, Toyo S., & Lois J. Inskeep. Acronyms in Education and the Behavioral Sciences. Chicago: American Library Association, 1971. 180 pp. $5.75

A badly needed dictionary and directory of nearly 3000 of those annoying little series of initials, arranged in straight alphabetical order, with address and zip code in most cases. Includes verification sources, and an alphabetical index by institutions. Compiled by the librarian of Ohio State University Education Library.

Smith, Edward W. The Educator's Encyclopedia. Englewood Cliffs, New Jersey: Prentice-Hall, 1963. 941 pp. $24.95

Arranged in 15 major divisions, around such topics as "philosophy and objectives," "school organization," "instructional materials," etc. Contains at least one article on most important educational topics. A four-page glossary defines educational terms as used by a author.

Statistics

U.S. Bureau of the Census. Statistical Abstract of the United States. Washington, D.C.: Government Printing Office, 1973. $6.30

A yearly guide, summarizing social, political, and economic statistics of the United States. The index to education statistics takes almost a page in itself. Footnotes lead to additional sources. This 1973 edition has an improved format and includes more data on the latest topics.

U.S. Office of Education. Digest of Educational Statistics. Washington, D.C.: Government Printing Office, 1973. 167 pp. $2.10

A yearly abstract of statistical information, covering all levels of education, as well as federal programs and related statistics. Tends to be one year or more out of date.

U.S. Office of Education. Education Directory. Washington, D.C.: Government Printing Office

This is published yearly in 4 or 5 sections. Currently under the auspices of the National Center for Education Statistics, largely in computer print-out format. Copies are available from the Superintendent of Documents in Washington, D.C., as well as at some local government book stores.

Education Directory 1969-70 State Governments. 1970. 163 pp. $1.00

Lists principal officers of state agencies.

Education Directory 1973-74 Public School System. 1974. 265 pp. $2.25

Lists, by state, names and other basic information (location of superintendent, address, grade span, enrollment) of all elementary and secondary school systems with 300 or more pupils.

Education Directory 1973-74 Higher Education. 1974. 570 pp. $5.30

A directory of all accredited institutions, arranged by state, including 2-year college level programs, and occupational studies beyond grade 12.

Education Directory 1973-74 Education Associates. In press.

National, college, state and regional associations, foundations, etc. Subject index.

Renetzky, Alvin and Jon S. Greene. (eds.) Standard Education Almanac 1972. Los Angeles: Academic Media, 1972. 491 pp. $25.00

Essentially the same information as contained in the Education Directory (except for directories of associations), arranged

conveniently and more readably in one volume.

Directories

Many excellent and relevant directories have been omitted: directories of colleges, foundations, associations, museums, institutions, and educational personnel. Even the highly useful membership lists, telephone directories and directories of directories have been left out. The few listed here are included because of their value in locating hard-to-find individuals, or because of their unique value to an Educational Information Consultant. The first two directories pertain mainly to people, the latter two to institutions.

Jacques Cattell Press. (comp.) Leaders in Education. (4th ed.) New York: R.R. Bowker, 1971. 1097 pp. $40.50

Provides 15,000 detailed biographical sketches of key persons in the field of education, both in the United States and Canada.

National Faculty Directory 1973. (3rd ed.) Detroit, Michigan: Gale Research Company, 1973. 2229 pp. $85.00

This simplifies gathering information about faculty members who are apt to be researchers and consultants in education (and to move frequently). 410,000 names complete with institutional name, departmental designation, city, state, and zip code.

California Association of Secondary School Administrators. California School Directory: Secondary Edition 1971-1972. Burlingame, California: C.A.S.S.A., Annual. $8.50

Typical of state directories (compiled in most states either by state department of education or by private organizations); this one is loaded with information. It is basically a list of secondary schools with their key personnel, listed alphabetically under school districts. It also includes information on county school departments, educational associations, California accredited colleges, private schools, special schools, evening schools, and the state department of education. (State departments of education can be located through the Education Directory, and associations through Educator's World.)

Educator's World; The Standard Guide to American-Canadian Educational Associations, Publications, Conventions, Research Foundations. (3rd ed. rev.) Philadelphia: North American Publishing Co., 1972. 627 pp. $20.00

A valuable, multi-purpose tool, the 1972 edition (the 3rd) includes detailed information on educational associations--including membership, purposes, periodicals and conventions. A separate section lists essential information on more than 2000 educational journals, newsletters, proceedings and reports, published either by organizations or independently.

Two valuable features are the chronological listing of conventions and the grouping of associations, etc., into areas of interest like child development and business education. This third edition has added sections which describe activities, fields of concentration, publications and facilities of educational research centers and foundations.

SECTION II

WHERE IT'S HAPPENING

ERIC Clearinghouses

ERIC (Educational Resources Information Center) is a national information system designed and supported by the National Institute of Education to organize and disseminate otherwise fugitive research materials: results of exemplary programs, research and development efforts, and other educational information. Its major indices for microfiched documents, Research in Education (RIE), and Current Index to Journals in Education (CIJE) for education journals, are both discussed in Section III of this Guide.

The Central Office of ERIC is in the National Institute of Education:

Central ERIC
Office of Utilization and Resources
Washington, D.C. 20208

ERIC documents on microfiche and on Xerox hardcopy are available from:

ERIC Document Reproduction Service (EDRS)
Computer Microfilm International Corporation
P.O. Box 190
Arlington, Virginia 22210

The bulk of the work is done by sixteen clearinghouses, each of which has a field of specialization and access to the experts who know what is happening. (In most cases, the clearinghouses work in conjunction with universities, professional associations and other institutions.) Besides acquiring, assessing, reviewing, and abstracting the documents listed each month in RIE, they prepare bibliographies and interpretations of research, which are also listed in RIE. The abstracts of documents listed each month in RIE are grouped alphabetically by clearinghouse prefix initials, so that products of each clearinghouse can be followed monthly. (The letters listed under Scope are clearinghouse prefixes.)

Since clearinghouses have generally limited resources for providing detailed replies to inquiries for information on specific topics, educators are urged to subscribe to Research in Education and to request specific clearinghouse newsletters, research summaries and bibliographies to locate desired information. The clearinghouse areas of specialization are indicated by their titles.

Clearinghouse	Scope
Career Education 204 Gurler Northern Illinois University De Kalb, Illinois 60115 (815) 753-1251	(CE) Adult, continuing, career, and vocational technical education, including informal and formal educational practice.
Counseling and Personnel Services The University of Michigan School of Education Building Room 2108 E. University & S. University Sts. Ann Arbor, Michigan 48104 (313) 764-9492	(CG) Preparation, practice, supervision of counselors and other personnel workers at all educational levels and settings.
The Disadvantaged Teachers College Box 40 Columbia University New York, New York 10027 (212) 678-3433	(UD) Educational, psychological, social, general development of urban children who are socially, economically or culturally disadvantaged.
Early Childhood Education University of Illinois 805 W. Pennsylvania Urbana, Illinois 61801 (217) 333-1386	(PS) Physiological, psychological, cultural development of children from birth through primary grades, major focus on educational theory, research and practice.
Educational Management Library-South Wing University of Oregon Eugene, Oregon 97403 (503) 686-5043	(EA) Administration of educational organizations and facilities on elementary and secondary levels.
Exceptional Children The Council for Exceptional Children 1920 Association Drive Reston, Virginia 22091 (703) 620-3660	(EC) Education of children who require special services: gifted, mentally retarded, visually impaired, deaf, physically handicapped, emotionally disturbed, speech and language impaired.
Higher Education George Washington University 1 Dupont Circle, Suite 630 Washington, D.C. 20036 (202) 296-2597	(HE) All research documents on higher education except for teacher education and teaching English.

Clearinghouse	Scope
Information Resources Stanford Center for Research and Development in Teaching School of Education Stanford University Stanford, California 94305 (415) 497-3345	(IR) Instructional media and technology, libraries and information science. Management of libraries and training of professionals. Technology-based educational techniques (microteaching, programed instruction, systems analysis), teaching aids (television, computers, films), education in society (cable television, communications satellites, public television).
Junior Colleges University of California 96 Powell Library Los Angeles, California 90024 (213) 825-3931	(JC) Public, private, community and junior colleges, studies on students, staff, curricula, programs, libraries, community services.
Languages and Linguistics Center for Applied Linguistics 1611 North Kent Street Arlington, Virginia 22209 (703) 528-4312	(FL) Teaching French, German, Italian, Russian, Spanish, Latin, classical Greek at all levels, material on linguistics, all related language sciences, teaching of English as a foreign language. Teaching of graduate and undergraduate education.
Reading and Communication Skills 1111 Kenyon Road Urbana, Illinois 61801 (217) 328-3870	(CS) Reading, teaching of English, speech, debate, journalism, theater.
Rural Education and Small Schools New Mexico State University Box 3AP Las Cruces, New Mexico 88003 (505) 646-2623	(RC) Organization, administration, curriculum, instruction, innovative programs of small schools, rural education, outdoor education, migrant education, Indian and Mexican-American education.
Science, Mathematics, and Environmental Education The Ohio State University 1800 Cannon Drive 400 Lincoln Tower Columbus, Ohio 43210 (614) 422-6717	(SE) Science and math education, adult and continuing education in science and math. Materials and programs on environmental education.

Clearinghouse	Scope
Social Studies/Social Science Education Social Science Education Consortium, Inc. 855 Broadway Boulder, Colorado 80302 (303) 443-2211, ext. 8434 or 443-1383	(SO) All levels of social science educational/social studies, including: Anthropology and archeology, economics, geography, sociology, history, philosophy, psychology, and political science.
Teacher Education 1 Dupont Circle, N.W. Suite 616 Washington, D.C. 20036 (202) 293-7280 or 293-7281	(SP) Preschool and in-service preparation of teachers, supportive school personnel, and teacher educators.
Tests, Measurement and Evaluation Educational Testing Service Rosedale Road Princeton, N.J. 08540 (609) 921-9000, ext. 2691	(TM) Tests, measurement and evaluation at all levels.

Regional Educational Laboratories and Research and Development Centers

Regional Educational Laboratories were first funded under Title IV of the Elementary and Secondary Education Acts of 1965 to develop, test, and adapt new concepts and technologies from the research stage to the point of practice and practicability. The Laboratories are autonomous and non-profit.

Appalachia Educational Laboratory
P.O. Box 1348
Charleston, West Virginia 25325
(304) 344-8371

Central Midwestern Region Educational Laboratory (CEMREL)
3120 59th Street
St. Louis, Missouri 63139
(314) 781-2900

Education Development Center (EDC)
55 Chapel Street
Newton, Massachusetts 02160
(617) 969-7100

Far West Laboratory for Educational Research
and Development (FWLERD)
1855 Folsom
San Francisco, California 94103
(415) 565-3000

Mid-Continent Regional Educational Laboratory (MCREL)
104 East Independence Avenue
Kansas City, Missouri 64108
(816) 221-8686

National Laboratory for Higher Education
Mutual Plaza
Durham, North Carolina 27701
(919) 688-8057

Northwest Regional Educational Laboratory (NWREL)
Lindsay Building
710 Southwest Second Avenue
Portland, Oregon 97204
(503) 224-3650

Research for Better Schools
1700 Market Street
Philadelphia, Pennsylvania 19103
(215) 561-4100

Southwest Educational Development Laboratory (SEDL)
211 East 7th Street
Austin, Texas 78701
(512) 476-6861

Southwest Regional Laboratory for Educational
Research and Development (SWRL)
4665 Lampson Avenue
Los Alamitos, California 90720
(213) 598-7661

Southwestern Cooperative Educational Laboratory (SWCEL)
2017 Yale Blvd.
Albuquerque, New Mexico 87108
(505) 265-9561

Research and Development Centers are somewhat more research oriented than the Regional Educational Laboratories. Centers, first authorized under the Cooperative Research Act of 1954, study the nature of different aspects of human development and learning in order to develop a rational basis for educational practices. Some of their products include microteaching, individualized learning, and the multi-unit school.

Center for Educational Policy and Management
University of Oregon
1472 Kincaid
Eugene, Oregon 97401
(503) 686-5171

Center for the Study of Social Organization of Schools
Johns Hopkin University
Baltimore, Maryland 21218
(301) 366-3582

Learning Research and Development Center
University of Pittsburgh
3939 O'Hara Street
Pittsburgh, Pennsylvania 15260
(412) 624-4895

Research and Development Center for Teacher Education
University of Texas
Education Annex 3.203
Austin, Texas 78712
(512) 471-1343

Stanford Center for Research and Development in Teaching
School of Education
Stanford University
Stanford, California 94305
(415) 497-4717

Wisconsin Research and Development Center for
Cognitive Learning
1025 West Johnson Street
Madison, Wisconsin 53706
(608) 262-4901

Resource Guides to Other Information Centers and Institutional Sources

Gates, Jesse & James W. Altman. Handbook of Information Sources in Education and the Behavioral Sciences. Pittsburgh: American Institutes for Research, 1968. 183 pp. $9.00 (hardcopy) (ERIC - ED 020 447)

National Referral Center for Science and Technology. A Directory of Information Sources in the United States: Federal Government. Washington: Government Printing Office, 1974. $4.25

National Referral Center for Science and Technology. A Directory of Information Resources in the United States: Social Sciences (1965) Washington: Government Printing Office, 1973. $6.90

Descriptions of several hundred organizations disseminating information in the social sciences. Gives name, address, and description. Includes subject index.

Wanger, Judy, (comp.) Directory of Educational Information Resources. New York: CCM Information Corporation, 1971. 181 pp. $9.95

This supercedes the Directory of Educational Information Centers issued by the Office of Education in 1969. It gives a partial listing of representative infromation centers offering services to educators, arranged by state, with subject index.

SECTION III:

KEEPING UP WITH THE EDUCATIONAL INFORMATION EXPLOSION

Guides to Current Literature

Current Index to Journals in Education (CIJE). New York: CCM Information Sciences, 1969 to date. $44.00 for monthly and 45.00 for semi-annual and annual cumulative indices.

Funded through the Office of Education's Educational Resources Information Center (ERIC), this is an author-subject-institution indexing of an increasing number of educational journals (now 500). Its subject headings (descriptors) are taken from The Thesaurus of ERIC Descriptors and are compatible with those in Research in Education. It is issued monthly and has a yearly index, rather than a compilation. The format has been changing and is more usable in the recent issues where articles are listed under broad classes. The brief resumes of journal articles are perhaps its most valuable feature.

Education Index. New York: H. W. Wilson, 1932 to date. Various pricing, depending on volume. $38.00 to $44.00

This is still the basic index to educational literature, issued ten times yearly and cumulated frequently. In addition to periodicals, it also indexes proceedings, yearbooks, bulletins, monographs, and some U.S. government materials. Subject areas include administration, grade level from preschool to adult education, teacher education, counseling and guidance, curriculum, as well as subject fields. One valuable feature is the guide to reviews of current books, under the heading "Book Reviews", which lead to individual authors and titles as well as to continuing review efforts and special sections on education books.

The index was by author and subject from 1929 to 1961, subject only from 1961 to 1969, and is once more both author and subject. About 250 of the more accessible journals are indexed here, under headings that are probably easier to use than the ERIC thesaurus headings used by CIJE.

Monthly Catalog of United States Government Publications. Washington, D.C.: Government Printing Office, 1895 to date. $12.50 per year (including index)

This monthly catalog is valuable for keeping up with those government-sponsored publications not covered by ERIC and those issued in paper. It covers an enormous range of government publications: books, pamphlets, maps, and serials; congressional, departmental and bureau publications, arranged alphabetically by department and bureau, with monthly and cumulative indices by author, subject, and title. Complete bibliographical data includes Library of Congress number and Superintendent of Documents classification number.

An increasing number of retail government book stores (now in Atlanta, Boston, Chicago, Dallas, Kansas City, Los Angeles, San Francisco, and five in Washington, D.C.) handle the growing sale of the varied documents indexed here. Their addresses are inside the back cover.

Psychological Abstracts. Lancaster, Pa.: American Psychological Association, 1927 to date. Various pricings, from $40.00 up for individual or institutional subscriptions.

An expensive item, but probably necessary for researchers working in the more psychological aspects of education. It is a monthly listing of signed abstracts of books, documents, dissertations, and articles in over 500 journals of psychology and related areas, indexed by subject and author with six month cumulative indices.

Research in Education (RIE). Washington, D.C.: Government Printing Office, 1967 to date. $38.00 per year. For current prices on semi-annual and annual indexes, as well as back issues, contact GPO, U.S. Government Printing Office, Washington, D.C. 20402

This is the monthly abstracting service of the Educational Resources Information Center (ERIC). It includes resumes of documents selected by 16 clearinghouses located across the country, as well as current Office of Education research projects. The reports are indexed by subject, author or investigator, and institution and are available (usually) in microfiche and/or hard copy from the ERIC Document Reproduction Serivce in Arlington, Virginia. The subject headings are from the Thesaurus of ERIC Descriptors. New York: CCM Information Corporation. 546 pp. $7.95 (paperback) ERIC is discussed in Section II of this Guide.

Guides to Current Research

Council for Educational Development and Research.
CEDaR Catalog of Selected Educational Development and Research Programs, Programs and Products. (4th ed.) Portland, Oregon: April 1974. 542 pp. (2 volumes) $14.50

This provides an updated review of work being done at major research and development institutions across the country. It includes an increasing number of products that have reached the end of the development cycle and now are being installed nationwide. Some 250 completed and available products are described, as well as anticipated products. The Catalog can be ordered (make checks payable to CEDaR Catalog) from: Commercial-Educational Distributing Services, P.O. Box 3711, Portland, Oregon 97208.

Guides to Funds

Noe, Lee. (ed.) The Foundation Grants Index 1972. New York: Columbia University Press, 1973. 251 pp. $10.00

Of obvious value to all educators interested in grantsmanship, this list includes almost 9,000 grants made to persons, agencies, and organizations during 1972. The list is indexed by foundations, grant recipients, and subjects. In most cases, the purpose of each grant is given.

Renetzky, Alvin et al., (eds.) Annual Register of Grant Support, 1972. Los Angeles: Academic Media, 1972. 443 pp. $39.50

This is a well-organized, well-indexed survey of available grants. Grant support sources include government, foundations, business, and professional organizations. Programs are categorized as general, humanities, social sciences, and sciences. Information includes organization, purpose, eligibility, financial data, duration, etc. Indices are by subject, organization, and geographical region. The book is issued late in the year, but is worth the investment.

U.S. Office of Economic Opportunity. Catalog of Federal Domestic Assistance. Washington, D.C.: Government Printing Office, 1972. 796 pp., 2 sections. $7.25

An annual looseleaf guide to the complexities of federal, social, and economic assistance programs to states, communities, private groups and individuals, roughly classified by bureau functions, giving authorizing statute, nature of program activities, eligibility and restrictions, deadlines, local and Washington contacts. It describes 1051 programs administered by 61 Federal departments and agencies with detailed index. It is also valuable for local agency addresses and services.

Guides for the Selection of Periodicals

America's Education Press. (31st ed.) Syracuse, N.Y.: Educational Press Association of America, 1971. 165 pp. $5.00

An index of current educational periodicals, classified by region, state, subject, title, and editor. Published yearly.

Camp, William L. Guide to Periodicals in Education. Metuchen, N.J.: Scarecrow Press, 1968. 419 pp. $9.00

A guide to 449 educational periodicals with three purposes: to provide information to educators who wish to submit articles for publication; to report scholarly work in particular areas of education; and to index periodicals available in specialized fields. Usefully arranged by broad categories, with good descriptions of editorial policies and manuscript requirements.

SECTION IV

RESEARCH AND RESOURCE SERVICES

It might also be worthwhile to check associations listed in Educator's World and the source and resource directions listed in Section II for additional services.

The services listed here may supplement the tools listed in Section II, as well as the services and facilities of your local county, district, and school libraries.

American Association of School Librarians
50 East Huron Street
Chicago, Illinois 60611

Lucuida Vinson
Executive Secretary

This organization offers free introductory literature and highly competent consultative services in their fields of interest which include organizing and operating media centers, selecting and organizing educational materials for use, personnel assistance, information automation and performance contracting.

Current Contents: Behavior, Social and Educational Sciences
Institute for Scientific Information
325 Chestnut Street
Philadelphia, Pennsylvania 19106 (215) 923-3300

Each weekly issue of this publication reproduces current or pre-publication table-of-contents pages of more than 1000 journals. The publication includes a key-word index. The price is $135 per year for 52 issues. Discount rates are available for orders of more than one copy or multi-year subscriptions. An optional Original Article Tear Sheet Service is available by mail or telephone.

DATRIX: (Direct Access to Reference Information: A Xerox Service)
University Microfilms
Xerox Corporation
300 Zeeb Rd., North
Ann Arbor, Michigan 48103 (313) 761-4700

Offers keyword and subject searching of dissertations from 135 colleges and universities. The basic fee is $15 for up to 150 references.

ERIC Searches

Listed on following three pages.

COMPUTER SEARCHES OF ERIC

Compiled by B. Flavian Udinsky

CALIFORNIA

1. Educational Media Services
   2371 Stanwell Drive
   Concord, California 94520
   (415) 689-4353
   * Director: John Jepi. For Contra Costa County users only.
2. Los Angeles Center for Education Resource Service (LANCERS)
   9300 East Imperial Hwy.
   Downey, California 90042
   (213) 922-6397
   * Access to ERIC, NASA, and GRA Data Banks. Services at present available only to Los Angeles County school districts and County Office personnel. Searches are conducted through the WESRAC facilities (see no. 3 below).
3. Western Research Application Center (WESRAC)
   809 West 34th Street
   Los Angeles, California 90007
   (213) 746-6132
   * $10 flat fee for searches up to 10,000 postings—small charge per 1000 after. 5c per citation listed. Overall service charge of $25. Access to NASA, DDC, Engineering Index, Chemical Abstracts, Index Medicus, Institute of Textile Technology, ERIC.
4. Lockheed Information Sciences (LIRS)
   3251 Hanover Street
   Palo Alto, California 94304
   (415) 493-4411 x45034
   * $25 charge for searches based on up to 10 descriptors. Delivers up to 100 citations and abstracts. Access to ERIC, CPE, PACE, AIM, ARM, FRC, ExChildhood, PsychAb. Limited Service.
5. San Mateo Educational Resources Center (SMERC)
   San Mateo County Board of Education
   333 Main Street
   Redwood City, California 94063
   (415) 364-5600 x4403
   * Director: Dr. Frank W. Mattas. Services limited to contributing school districts.
6. System Development Corporation (SDC/ERIC)
   2500 Colorado Avenue
   Santa Monica, California 90406
   (213) 393-9411
   * Attention: Judy Wanger. $20 charge for printout up to 100 pages (about 100-150 citations and abstracts). Will be air-mailed same day search is performed. Charge for printouts in excess of 100 pages is nominal—only 5c a page. On-line service available—ask about Trial Users Service.
7. ERIC Clearinghouse on Information Resources
   Stanford Center for Research and Development in Teaching
   School of Education
   Stanford University
   Stanford, California 94305
   (415) 321-2300, Ext. 3345
   * Specializes in searches treating administration, research, and teaching personnel; information specialists; businesses, professional and community organizations. Access to ERIC, ExChild, AIM, ARM, NTIS. Reasonable cost.
8. Southern California Area Information Network (SCAIN)
   Whittier College
   Box 364
   Whittier, California 90608
   (213) 693-0771, Ext. 392
   * $33 service charge per computer hour, $10 for researcher time, 10c per abstract, and 5c per citation.

COLORADO

9. Northern Colorado BOCES Information Retrieval Center
   Colorado Department of Education
   830 S. Lincoln
   Longmont, Colorado 80501
   (303) 444-4987
   * Director: Walter Turner

CONNECTICUT

10. New England Research Applications Center (NERAC)
    University of Connecticut
    Mansfield Professional Park
    Storrs, Connecticut 06268
    * Director: Dr. Daniel U. Wilde

DISTRICT OF COLUMBIA

11. Research Information Center
    Public Schools of the District of Columbia
    425 Twelfth Street, N.W.
    Washington, D. C. 20004
    (202) 347-6727
    * Project Coordinator: Roger Fish
12. Educational Resource Division
    National Institute of Education
    702 Marsh Building
    Washington, D. C. 20208
    (202) 254-7934
    * Charles Missar
13. Lockheed Information Sciences (LIRS)
    900 Seventeenth Street, N.W.
    Washington, D. C. 20006
    (202) 872-5971
    * Richard Caputo. See note under California entry no. 4.

FLORIDA

14. Florida Educational Resources Information Center
    State of Florida Department of Education
    Knott Building
    Tallahassee, Florida 32304
    (903) 488-2986
    * Administrator: Robert Hancock

INDIANA

15. School Research Information Service (SRIS)
    Phi Delta Kappa
    8th and Union
    Bloomington, Indiana 47401
    (812) 339-1156
    * $5 search fee. The first 100 citations include abstracts.

IOWA

16. INFORMS
    Educational Media Section
    Iowa State Department of Public Instruction
    Grimes State Office Building
    Des Moines, Iowa 50319
    (515) 281-3477, -5274
    * Manager: Mary Jo Bruett

KANSAS

17. Project Communicate
    Kansas State Department of Education
    120 East 10th Street
    Topeka, Kansas 66612
    (913) 296-3161
    * Director: Dr. Richard K. Herlig

MASSACHUSETTS

18. Merrimack Educational Center
    101 Mill Road
    Chelmsford, Massachusetts 01824
    (617) 256-3985
    * Executive Director: Dr. Richard J. Lavin
19. Massachusetts State Education Information Center Network
    Massachusetts Department of Education
    182 Tremont Street
    Boston, Massachusetts 02116
    (617) 935-4350
    * Attention: Dr. James F. Baker

NEW YORK

20. Educational Program & Studies Information Services
    State Education Department
    Room. no. 330
    Albany, New York 12224
    (518) 474-3639
    * Coordinator: Gregory Benson, Jr.
21. Lockheed Information Sciences (LIRS)
    200 Park Ave., Suite 303E
    New York, New York 10017
    (212) 682-4630
    * See note under California entry no. 4.

The ERIC Clearinghouse on Information Resources
Stanford Center for Research and Development in Teaching
School of Education, Stanford University, Stanford, California 94305

NORTH CAROLINA

22 Research and Information Center
Department of Public Instruction
Raleigh, North Carolina 27602
(919) 829-7904
* Director: Gladys Ingle

NORTH DAKOTA

23. Resource Information Center
Bureau of Educational Research & Services
University of North Dakota
Box 8009, University Station
Grand Forks, North Dakota 58201
(701) 777-2619 x23
* Project Director: Dr. Edward F. Krahmer. Also available is a low-cost computer software package for ERIC searches. Locates and prints list of accession numbers and abstracts and other selected entries in *RIE* and *CIJE*. For use with IBM 360 (Model 30 upwards).

OREGON

24. Oregon Total Information System (OTIS)
Lane IED
748 Pearl Street
Eugene, Oregon 97401
* Contact: Doug Matson

25. Resource Dissemination Center
State Department of Education
942 Lancaster Drive, N.E.
Salem, Oregon 97310
(503) 378-3566
* Director: George Katagiri

PENNSYLVANIA

26. Research and Information Services for Education (RISE)
198 Allendale Road
King of Prussia, Pennsylvania 19406
(215) 265-6056
* $10 search up to 10 descriptors; $25 search for 20 or more descriptors; citations and abstracts for first 100 items; numerical hit list for additional 100 items. Time: one week for regular search. Access to ERIC, PsychAb, AIM, ARM, ExChild, special collections and fugitive data sources.

RHODE ISLAND

27. Rhode Island Education Information Center
State of Rhode Island and Providence Plantations
Department of Education
Hayes Street
Providence, Rhode Island 02908
(401) 831-6600

SOUTH CAROLINA

28. Planning Resources Section
Office of Planning and Dissemination
South Carolina State Department of Education
1208 Rutledge State Office Building, Senate Street
Columbia, South Carolina 29201
* Director: Dr. Diana J. Ashworth

TENNESSEE

29. Tennessee Research Coordinating Unit
University of Tennessee
College of Education
Knoxville, Tennessee 37916
(615) 974-3338
* Director: Dr. Gary R. Rice. Direct inquiries to Information Specialist, Dee Wilder.

TEXAS

30. Texas Education Information Service Project
6504 Tracor Lane
Austin, Texas 78721
(512) 926-8080, Ext. 50
* Attn: Dr. Leo Lambert

UTAH

31. Pilot State Dissemination Project
Office of Planning & Research
Utah State Board of Education
136 East South Temple
Salt Lake City, Utah 84111
(801) 328-5431
* Coordinator of Technical Assistance: Kenneth P. Lindsay

VIRGINIA

32. System Development Corporation (SDC/ERIC)
5827 Columbia Pike
Falls Church, Virgnia 22041
(703) 820-2220
* Attn: Mary Jane Ruhl. See note under California entry no. 6

The ERIC Clearinghouse on Information Resources

Stanford Center for Research and Development in Teaching
School of Education, Stanford University, Stanford, California 94305 (415) 321-2300 x3345

Specializing in Materials and Strategies for Learning

Latest Additions--Computer Searches of ERIC

California
Ms. Diana E. Butcher
LANCERS
Division of Research and Pupil Personnel Services
Los Angeles County Education Center
9300 East Imperial Highway
Downey, California 90242

This program serves primarily the school and community college districts of Los Angeles County

Georgia
Dr. Anne Moughon, Director
Technical Information Center
312 Education Annex
156 Trinity Avenue S.W.
Atlanta, Georgia 30303

This center serves the state's Department of Education and school systems with manual and computer searches of ERIC.

Indiana
Miss Lois J. Lehman
Education Library, Room 30
Indiana University
Bloomington, Indiana 47401

This PROBE program handles the SRIS Service in the preceding list. Each search costs $20.00.

Wisconsin
Roy Tally, Supervisor
WIRE
Department of Public Instruction
126 Langdon Street
Madison, Wisconsin 53702

WIRE operates on a partial cost recovery system. Clients outside the Department of Public Instruction pay $10 per search, including free follow-up. The searches are made possible through arrangement with the University of Wisconsin-Madison, Academic Computing Center.

(END OF ERIC SEARCHES)

National Education Association (NEA)
1201 16th Street, N.W.
Washington, D.C. 20036

Aside from their extensive publishing and research activities, the Research Division of the NEA offers research services to members on request, including general studies, bibliographies, and summaries of research. Some state affiliates of the NEA (notably the California Teachers Association in Burlingame) have substantial libraries which offer similar services to members.

National Referral Center for Science and Technology
Library of Congress
10 First Street, S.E.
Washington, D.C. 20540 (202) 426-5678

This agency of the Library of Congress, which compiled the excellent resource guides of social science and federal government information sources (listed on p. 14) functions as a guide to individuals and organizations with expertise or specialized subject knowledge. Services are free and can be negotiated by telephone, correspondence, or personal visit.

Science Information Exchange (SIE)
Smithsonian Institute
Madison National Bank Building
1730 M Street, N.W.
Washington, D.C. 20036 (202) 381-5511

The purpose of this information exchange is to provide research scientists and administrators with information about current research projects being carried out through Federal and state agencies, as well as privately funded and commercial basic research. Project information (registered on computer tape) includes the project title, location, a 200 word summary of the work in progress, principal investigator, etc. The data bank includes the behavioral sciences as well as educational research. A computerized retrieval service is available for a fee.

Science Teaching Center (STC)
University of Maryland
College Park, Maryland 20742 (301) 545-4028
Dr. J. David Lockard

The main thrust of this organization is the training of science teachers and supervisors at all levels. It is open to all science teachers and to all interested individuals, for visiting and consultation. An extensive library includes

a collection of world-wide curricular developments, the International Clearinghouse on Science and Mathematics Curricular Developments, as well as an extensive collection of hardware. In addition to reviewing science materials for Science Teacher and Science and Children, the center is working on a guidebook for improvising inexpensive science teaching equipment, and is basically interested in collecting and disseminating all types of information in the field of science education.

NEXUS
The American Association for Higher Education
One DuPont Circle
Suite 780
Washington, D.C. 20036 (202) 785-8480

Available between 1 and 6 p.m. eastern time, this telephone service connects people who need information with people who can provide it. It aims to provide greater access to information in all areas of post-secondary education. It does not do routine research that individuals can easily do themselves. This project is funded by a grant from the Fund for the Improvement of Postsecondary Education.

SECTION V

PRODUCT GUIDES

The ideal guide to the rapidly expanding number of educational products would be comprehensive, up-to-date, evaluative, well-written, and easy to use. None meets all of these criteria, though some succeed in covering or evaluating smaller areas.

General Guides--Comprehensive

Educator's Purchasing Guide. (5th ed.) Philadelphia, Pennsylvania: North American Publishing Co., 1973. 1500 pp. $29.50

Information on more than 2700 producers, publishers, and manufacturers of instructional materials and equipment.

Educator's Purchasing Masters. Vol. 1. Instructional Materials. (3rd ed.) Englewood, Colorado: Fisher Publishing Co., 1971. 811 pp. $10.50

A rather comprehensive guide which annually indexes sources of all types of instructional materials: textbooks, other printed materials, audiovisual materials, atlases, globes, maps, tests, teaching aids and services. These are indexed by grade, subject, trade name, producers are listed alphabetically, dealers and distributors geographically. The white catalog section is indexed under grade and section. This tool would be complete if all producers and publishers included their catalogs (most don't), but still at this price, it's a good buy.

Educator's Purchasing Masters. Vol. 2. Instructional Equipment. (3rd ed.) Englewood, Colorado: Fisher Publishing Co., 1971. 676 pp. $10.50

This second volume of EPM annually lists products by types and grade levels: art education, athletic and P.E. equipment, playground equipment, audiovisual equipment, graphic arts equipment, equipment for libraries, learning centers, music instruction, and vocational education. You name it, they have it indexed, along with a partial catalog section and a guide to dealers, distributors, manufacturers and producers, as well as a trade name index. Good for browsing and for the school purchasing agent. No independent evaluations, but a good lead to many sources.

Learning Directory 1970-71. New York: Westinghouse Learning Corporation, 1970. 7 vols. + one vol. supplement 1972. 6681 pp. $99.50

This directory started out with the intent of covering all learning applications from preschool through college in all

media. While it does not succeed in this, it does include more than 600,000 index entries under 200,000 topics, providing access to 250,000 items in 47 media--with fairly current prices. Information (on grade level, etc.) comes from the supplier, as usual, and is inconsistent. Despite its size and price, many gaps exist; the rationale for including some items and excluding others is neither apparent nor expressed. The indexing is inconsistent and slapdash, and valuable items can be skipped. Other defects include cheap paper, cheap coverings, and the necessity of returning to the first volume for instructions. Not highly recommended, though some districts find it handy for selecting grade level materials other than books and films.

General Guides--Evaluative

Educational Products Report. New York: Educational Products Information Exchange Institute, 1967 to date. Membership fee $50 per year. EPIEgram 18 issues per year - $24.

Monthly (October through June) membership bulletin on educational products (the Consumers Report of education). It tackles anything from cassette tape recorders to teacher training programs in sex education, to social studies curricula. Contains independent and objective evaluations, based on well-chosen criteria, of the availability, use, and effectiveness of educational materials, equipment and systems.

Markham, Lois. (comp.) New Educational Materials, 1970. New York: Citation Press, 1970. 256 pp. $3.75

This is the fourth annual edition of a classified guide to elementary and secondary curriculum related materials, prepared by the evaluation panel of Scholastic Teacher. Arranged by grade level, this gives good coverage of instructional materials of all kinds at inexpensive prices. It includes resource articles, as well as written annotations of selected films, recordings, multi-media kits, filmstrips, transparencies, teaching-learning games, professional guides, posters, study prints, tapes, laboratory kits. charts and maps. About 500 new well-selected items per issue.

Rawnsley, David E. A Comparison of Guides to Non-Print Media. Stanford, California: ERIC Clearinghouse on Educational Media and Technology and the San Mateo County Superintendent of Schools Educational Resources Center, Redwood City, California, 1973. 41 pp. $3.00 (Box E, School of Education, Stanford University, Stanford, California, 94305)

Information about 66 indexes and guides to non-print instructional media is provided. Thirty-six comprehensive guides are reviewed, as well as 30 publications which deal with ecology, ethnic studies,

guidance, health and drug abuse, the sciences and technology, teahcer training, and vocational education. An abstract is provided for each of the citations, charts indicate whether each of the listed guides contains publication dates, designates the intended audience, gives running times, provides content summaries and evaluations for its citations, and names the producers, distributors, prices and conditions of availability for the materials which it indexes. Available for 75¢ in microfiche and $1.85 in Xerox hardcopy from ERIC as ED 08[illegible] 924.

Zuckerman, David W. & Robert E. Horn. The Guide to Simulation Games for Education and Training. (2nd ed.) Cambridge, Massachusetts: Information Resources, Inc., 1973. 501 pp. $15.00

Listing of selected currently available games and simulations designed for or useful for educational purposes. Arranged by subject and indexed by producer or creator and by title. For each game chosen, information is included on preparation time, materials needed, playing time, age group, number of players, cost and availability. Includes a list of games not chosen, with reasons for their exclusion, as well as an excellent bibliographical article on simulation and gaming by Paul A. Twelker. Annual publication planned.

Audiovisual Media--Comprehensive Sets

Educator's Progress Service in Randolph, Wisconsin (53956) issues a rather convenient series of yearly listings:

Educator's Guide to Free Films. 1971. $11.75
Educator's Guide to Free Filmstrips. 1971. $8.50
Educator's Guide to Free Guidance Materials. 1971. $8.75
Educator's Guide to Free Health, Physical Education and Recreation Materials. 1971. $9.00
Educator's Guide to Free Science Materials. 1971. $9.25
Educator's Guide to Free Social Studies Materials. 1971. $9.50
Educator's Guide to Free Tapes, Scripts, and Transcriptions. 1971. $7.75
Elementary Teacher's Guide to Free Curriculum Materials. 1971. $9.75

Individual volumes of this set are popular with teachers. They are selected, annotated listings of free materials, arranged by title under subject, with different colored pages for different sections: teacher reference, title index, subject index, source index, and sometimes demonstration curriculum units which incorporate free materials. They are easy to use and are revised annually "like a telephone directory", under good to adequate editorial supervision.

National Information Center for Educational Media (NICEM) series (1969-71) is issued by the University of Southern California at Los Angeles. NICEM publishes a subscription service in addition to the indices listed below called Update of Non-Book Media which is published 10 times annually. This service updates and supplements all previous NICEM indices. Each edition provides information about 3000-4000 entries.

Index to Black History & Studies - Multimedia. (2nd ed.) $19.50
Index to Ecology - Multimedia. (2nd ed.) $19.50
Index to Educational Audio Tapes. (2nd ed.) $36.50
Index to Educational Overhead Transparencies. (3rd ed.) $49.50
Index to Educational Records. (2nd ed.) $34.50
Index to Educational Video Tapes. $16.50
Index to 8 mm Cartridges. (3rd ed.) $34.50
Index to 16 mm Educational Films. (4th ed.) $79.50 3 vols.
Index to 35 mm Filmstrips. (4th ed.) 2 vols. $58.50
Index to Educational Slide Sets. (1st ed.) $19.50

Although this NICEM series is frequently updated, it is a bibliographical mess and highly difficult to work with. Each of these volumes attempts to list material under subjects and title. Sources are listed with a complex code, but no prices. The indices to films and filmstrips, now in their fourth editions, are widely used, despite their drawbacks. The indices to black history and to ecology are certainly timely, and may prove valuable.

Audiovisual Media--General

Abrams, Nick (ed.) Audio-Visual Resource Guide. New York: Friendship Press, 1972. 477 pp. $8.95

This guide has been developed specifically for schools, churches, and community organizations. Though assembled under the direction of a religious organization, it is secular in application. It covers a variety of media resources and a variety of topics, including the arts, science, race relations and national/international critical issues.

Audio-Visual Market Place: a Multimedia Guide. New York: R. R. Bowker, 1974. 345 pp. $21.50
A directory of the audio-visual industry, listing producers and distributors, equipment, organizations, conventions, film festivals, references, educational radio and television, services and dealers, serials and review services and several other topics.

Brown, James W. (ed.) Educational Media Yearbook 1973. New York: R. R. Bowker, 1973. 453 pp. $19.50

A number of articles on various aspects of the audio-visual field are offered. The multi-media resources director, one of eight main sections, lists some 1,200 print and non-print items dealing

with this subject. Other sections cover educational media developments. manpower, research and development, sales and business, international developments, organizations, and foundations and federal granting agencies.

Chisholm, Margaret E. Media Indexes and Review Sources. College Park, Maryland: Student Supply Store, University of Maryland, 1972. 84 pp. $4.75 (paperback)

This bibliography describes the major indexing and reviewing services for non-print media. The first parts evaluate the reviewing media. The second part is an alphabetical listing of reviewing journals and guides. Part three is a subject index and an index by type of media.

Daily, Jay E. Organizing Nonprint Materials: A Guide for Librarians. Books in Library and Information Science Volume Three. New York: Marcel Dekker, Inc., 1972. 190 pp. $12.50

This book presents a means for organizing nonprint material which is both efficient and effective. The first section discusses organizational problems and possibilities. The second part examines tools for cataloging. A good bibliography is included.

Hicks, Warren B. & Alma M. Tillin. Developing Multi-Media Libraries. New York: R. R. Bowker, 1970. 199 pp. $8.95

This is the best all-purpose book to datefor anyone who has to work with and organize audiovisual materials. The chapters on sources, organization, cataloging and storing all types of audiovisual materials are based on wide experience and knowledgeable research. The sections on selection and evaluation are particularily good current guides to evaluation criteria and sources.

National Audio-Visual Association. The Audio-Visual Equipment Directory. (20th ed.) Fairfax, Virginia: National Audio-Visual Association, 1974. 493 pp. $12.50

Based on material supplied by the manufacturers, rather than independently rated materials. Models are listed first by type of equipment, then alphabetically by company name, then numberically or alphabetically by model. For each piece of equipment, there is a picture, then information about price, operation, dimensions, weight, electrical current used, etc. Clear and useful, especially for people who know the field well.

National Education Association. AVI Guide to New Products. Washington, D.C.: Association for Educational Communications and Technology, NEA, annual.

This detachable supplement appears yearly with the September issues

of Audio-Visual Instruction. It is a partial listing of new products released during the last year and to be released during the current year. Gives names and addresses of producers, as well as full descriptions of such items as source books, materials, equipment and supplies.

Rofsvold, Margaret I. & Carolyn Guss. Guides to Educational Media. (3rd ed.) Chicago: American Library Association, 1971. 116 pp. $2.50 (paperback)

This edition identifies 153 educational media catalogs and indexes. It is comprehensive rather than selective, and includes catalogs of films, filmstrips, kinescopes, phonodiscs, phonotapes, programmed instruction materials, slides, transparencies, and videotapes. Three lists are offered at the end: professional organizations, selected periodicals, and older media catalogs and lists.

U.S. National Archives and Record Service. U.S. Government Films: a Catalog of Motion Pictures and Filmstrips for Rent or Sale by the National Audio-Visual Center. Washington, D.C.: National Archives Publication No. 72-17. 1971 (supplement). 140 pp. Free

A well-done sales catalog of inexpensive 16 mm films and 35 mm film strip prints, covering a wide range of subjects. Rental films are also available from the National Audio-Visual Center, which hopes to become the depository for federally produced materials.

Book Selection Tools

Only a few well-designed tools for selecting children's books and the textbooks will be discussed and evaluated in this section.

For "reference books," see Cheney in Section I, Part I of this Guide.

Other annotated book lists for reference, social science and education books are given throughout this Guide, especially in Section I.

"Current education books" can be followed through the review indexed in Education Index (discussed in Section IV), while the Book Review Digest, available in any public library, is a good general source of book evaluations.

Books in Print, an annual Bowker publication similar to publications listed below, together with Forthcoming Books in Print should be valuable for anyone who purchases books extensively. (Since it has computerized, however, its accuracy has declined considerably.) The bibliography section of Cheney will give you considerably more information on book selection tools.

Children's Books in Print, 1973 . (5th ed.) New York: R. R. Bowker, 1973. 790 pp. $17.95

This edition lists approximately 41,000 titles of children's books with author, title and illustrator, and index. Entries are of course bibliographically accurate with publishers and addresses included. A basic tool for book purchases.

El-Hi Textbooks in Print, 1973. (4th ed.) New York: R. R. Bowker, 1973. 426 pp. $17.25

Useful index to some 17,000 elementary, junior high, and high school textbooks and supplementary readers. The main body of the book is arranged by curriculum subjects. Each entry includes author, title, grade level, publication date, price, publisher, and related teaching materials. Author and title indices, plus a list of publishers and their addresses. This is the tool of choice for textbooks.

Gaver, Mary V. (ed.) The Elementary School Library Collection. (7th ed.) Newark, N.J.: Bro-Dart Foundation, 1972. 821 pp. $20.00

Frequently reissued and up-dated, this is a good evaluation tool, primarily for books, but also for media materials. Over 10,000 titles: 9,000 books, 100 periodicals, and 1700 media products classified according to the Dewey Decimal System and well-indexed. This book gives well-thought-out first, second, and third purchase recommendations. The buying tool for elementary school libraries.

Shor, Rachel & Estelle A. Fidell (eds.) Senior High School Library Catalog. (rev. ed.) New York: H. W. Wilson, 1967 & 1968-72 supplements. $30.00 (including supplements)

Essentially, this does for a high school library what Gaver does for an elementary school library. This is a bit goody-goody for some tastes when it comes to selecting fiction titles or books that accurately describe current student mores, but the titles related to the academic program and to curriculum enrichment are very well chosen and well annotated. Arranged conveniently by the Dewey Decimal System classification and well-indexed. Even if you're not buying books, this is a valuable tool for selecting books, preparing subject or interest reading lists for students in this age range and for using resources of other libraries.

Subject Guide to Children's Books in Print, 1972. (3rd ed.) New York: R. R. Bowker, 1972. 492 pp. $16.50

This is a good subject index to the 38,000 books listed in Children's Books in Print. The 8.000 subject headings, based on Sears List, are well chosen adn usable. It is a better guide to books than the Westinghouse Learning Directory.

Curriculum Selection Tools

The few items listed here should be considered valuable and representative selection sources, though not a current and complete guide.

Worthwhile sources discussed elsewhere in this Guide include:

- General evaluative product guides (p. 24), especially EPIE Educational Products Reports, a prime source of rational evaluations
- Clearinghouses (listed in Section II, pp. 8-11) for their particular fields
- Office of Education Publications, some listed in Research in Education (p. 8) are available through ERIC (pp. 9-11), some listed in monthly catalogs are available from the Superintendent of Documents or from government bookstores.
- Associations listed in Educator's World (p. 6) are frequently valuable sources of ongoing curriculum evaluations for their particular fields.
- Periodicals, listed in Educator's World and in Camp's Guide (p. 17) and indexed in Education Index (p. 15) are helpful in keeping current.
- School Districts and State Offices of Education frequently have summaries and evaluations of curriculum materials, sometimes in the files, but often compiled for their district or state.

Adelson, Nancy C. & Sandra G. Crosby. American Government Information Unit: Curriculum Alternatives for Secondary Schools. Far West Laboratory for Educational Research and Development. Sunnyvale, California: Universal Research Systems, 1971. 314 pp. $7.95

This paperbound compendium describes, analyzes and compares nine secondary programs in American Government, politics and social issues in parallel fashion from which districts and teachers can decide which curricula best fit their own needs.

Agency for Instructional Television. Guide Book: Television Instruction--1974 Edition. Bloomington, Indiana: National Instructional Television Center, 1974. 33 pp. Free

Three major groups of instructional television films are listed. The first includes 61 film series for elementary or secondary students dealing with art, career development, communications, early childhood, foreign language, health and physical education, the humanities, language arts, math, music, safety, science and the social sciences. Teacher in-service programs comprise the second category, while 15 higher education series make up the third group. Information about National Instructional Television is also given.

Far West Laboratory for Educational Research and Development. Elementary Science Information Unit. Sunnyvale, California: Universal Research Systems, 1971. 6 reports, 7 color filmstrips, 7 audiotapes, 1 review booklet, 1 instruction booklet. $75.00

A rigorous examination and comparison of six curricula in parallel fashion, this multi-media package enables school personnel to make sound curriculum decisions while simultaneously training additional personnel in the process of decision-making. Characteristics examined include grade level, subject area, suggested use, teacher and student materials, goals, sample topics, student evaluation, unit sequencing, instructional strategy, teacher preparation, required cost and availability.

Far West Laboratory for Educational Research and Development. ALERT Sourcebook of Elementary Curricula, Programs, and Projects. Pleasantville, New York: Docent Corporation, 1972. 493 pp. $9.95

A "first of its kind," this resource reports on more than 300 curricula, models, resources, and training materials at the elementary level. Among the many areas covered are: affective education, ethnic education, mathematics, reading, career education, and foreign language/bilingual.

Great Plains National Instructional Television Library. Recorded Visual Instruction: 1973 Edition. Lincoln, Nebraska: University of Nebraska, 1972. 171 pp. Free

A listing and description of nearly 150 recorded courses (videotapes, film, and kinescope) available for lease. This catalog is indexed in the following ways: elementary grades by subject matter; elementary grades by grade level; junior high-secondary-adult, utilization and in-service, and college. Course material, teacher utilization and in-service are included.

Hoye, Robert E. & Anastasia C. Wang (eds.) Index to Computer-Based Learning. Englewood Cliffs, New Jersey: Educational Technology Publications, 1973. 685 pp. $18.95

Computer-based programs and projects are listed under 98 subject matter fields. Descriptions include: subject field, program name and number, author, source, curriculum content, level of instruction, type of student for which it is intended, hours of material, completion time, etc. Programs are cross-referenced by subject matter, central processor, programming language, instructional strategy, and source.

Lockard, J. Davis (ed.) Report of the International Clearinghouse on Science and Mathematics Curricular Developments. (8th ed.) College Park, Maryland: University of Maryland, 1972. 990 pp. $2.00

This is an excellent, inexpensive ongoing summary of new science and mathematics curriculum projects throughout the world, a joint project of the Science Teaching Center of the University of Maryland and the American Association for the Advancement of Science with the advice and cooperation of UNESCO. Questionnaires are edited to achieve intelligent summaries which provide background information on the project, as well as the title, headquarters, staff, products, evaluation, prospects, language(s), teacher training requirements and plans for the future. The varied indices, by countries, grade level, and subject would be more convenient if placed at the end of the book. Otherwise the product is a remarkably valuable catalog.

Social Science Education Consortium, Inc. Social Studies Curriculum Materials Data Book. Boulder, Colorado: Social Studies Education Consortium. 250 pp. (looseleaf) $40.00 Semi-annual supplements (March and October) $15 per year.

An ongoing evaluative summary of three different types of curriculum materials--project materials, textbooks, and games and simulations. Data sheets on project materials, include an overview, description of the format and elements, including the cost and time, information on the rationale, intended users, and a section on evaluation and use with references. Subject areas now include traditional studies as well as multidisciplinary or interdisciplinary, chosen partly on the basis of accessibility.

Turner, Mary Jane. Materials for Civics, Government, and Problems of Democracy: Political Science in the New Social Studies. Boulder, Colorado: Social Science Education Consortium, 1971. 199 pp. $3.95 paperback, $5.95 hardcover

A survey of 49 curriculum material packages with political science content including systematically presented data on availability, cost, content, educational objectives, teaching strategies and evaluation.

SECTION VI

ORGANIZING INFORMATION

This section includes some important tools which can help you organize a search, style and index your reports, organize a shelf or two or, if you are lucky, an office full of books. I have also included for convenience an elementary survey of the educational information center.

Other guides to additional information on standard library practices (essential if you are organizing a library) are listed in Section I. Some of the organizations listed in Section III can also provide valuable information.

Unfortunately, there does not seem to be much objective, evaluative, or organizational guidance for anyone contemplating the installation of various computerized information systems.

Barhydt, Gordon C. & Charles T. Schmidt. Information Retrieval Thesaurus of Education Terms. Cleveland, Ohio: Case Western Reserve University Press, 1969. 133 pp. $5.50

A well-thought-out thesaurus of education terms, based on the "facet system." Very suggestive for leading to further terms or to other facets of a subject or for designing a list of terms or an index. Usable in itself for many individual collections.

Chicago University Press. A Manual of Style for Authors, Editors and Copywriters. (12th ed.) Chicago: University of Chicago Press, 1969. 546 pp. $10.00

A detailed, well-written and widely accepted manual, which can provide help on format, bibliographical style, alphabetizing, and indexing for anyone organizing information in written or tabular form.

de Jaeger, Herman K. Information Storage and Retrieval without Computer Assistance. Ghent, Belgium: ASTRID Building (Koningin Astridlaan 89), 1973. 31 pp. 200 Belgian francs.

Knight, G. Norman (ed.) Training in Indexing, a Course of the Society of Indexers. Cambridge, Massachusetts: M.I.T. Press, c1969. 219 pp. $7.95

A compilation of a series of British lectures for students of indexing, valuable for both the novice and the experienced indexer. There has been surprisingly little written on this important field. This book includes definitions of indexing terms, chapters on books, periodical, scientific, technical, medical and legal indexing; subject headings, name headings, alphabetization, proofing of indexing, as well as self-help exercises.

Jewell, Sharon & W. T. Brandhorst. Search Strategy Tutorial; Searcher's Kit. ERIC 082 763, 1973. 86 pp. 75¢ microfiche, $4.20 for Xerox hardcopy

This document is the workshop manual used during the three-hour tutorial session on ERIC search strategies. The discussion of the input phase of a computer search covers identification of user population, receiving the inquiry, and types of service. The actual mechanics of searching, search theory adn general and specific capabilities of ERIC are discussed. There is a practice session with three searches which are structured step-by-step. The output phase includes a discussion of output formats, evaluation, and records-keeping.

Sherman, C. Neil, E. Raymond Lewis and Judith Wanger. The Educational Information Center: an Introduction. Los Angeles, California: Tinnon-Brown, 1969. 137 pp. $3.50

A reasonably good introduction to the problems of establishing and operating an education information center with a brief bow to library practices. An overview only, not adequate as a handbook for the do-it-yourselfer without extensive experience or training. Bibliographies and appendices lead to some further sources.

[If you are planning to organize a library or a collection that might grow into one, consult a librarian (preferably one not frightened by computer systems) early in the planning stage to avoid costly corrections later.]

TO ORDER ERIC DOCUMENTS

New ordering information for ERIC documents:

Orders for microfiche or Xerox hardcopy must be accompanied by payment. Address your orders to: ERIC Documents Reproduction Service, P.O. Box 190, Arlington, Virginia 22210. Always order by ED number. Individual Clearinghouses cannot fill these requests. Computer Microfilm International Corporation, the firm handling these orders, requests that money for postage be included with your orders.